updated search results for 09/405,839
Paper No. 15

Trying 3106016892...Open

Welcome to STN International! Enter x:x
LOGINID:SSSPTA1635LAN
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Dec 17	The CA Lexicon available in the CAPLUS and CA files
NEWS	3	Feb 06	Engineering Information Encompass files have new names
NEWS	4	Feb 16	TOXLINE no longer being updated
NEWS	5	Apr 23	Search Derwent WPINDEX by chemical structure
NEWS	6	Apr 23	PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS	7	May 07	DGENE Reload
NEWS	8	Jun 20	Published patent applications (A1) are now in USPATFULL
NEWS	9	JUL 13	New SDI alert frequency now available in Derwent's DWPI and DPCI

NEWS EXPRESS	July 11 CURRENT WINDOWS VERSION IS V6.0b, CURRENT MACINTOSH VERSION IS V5.0C (ENG) AND V5.0JB (JP), AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2001
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:02:39 ON 26 JUL 2001

=> file medline embase caplus scisearch biosis reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'MEDLINE' ENTERED AT 13:03:07 ON 26 JUL 2001

FILE 'EMBASE' ENTERED AT 13:03:07 ON 26 JUL 2001

FILE 'CAPLUS' ENTERED AT 13:03:07 ON 26 JUL 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE 'SCISEARCH' ENTERED AT 13:03:07 ON 26 JUL 2001
COPYRIGHT (C) 2001 Institute for Scientific Information (ISI) (R)

FILE 'BIOSIS' ENTERED AT 13:03:07 ON 26 JUL 2001
COPYRIGHT (C) 2001 BIOSIS(R)

FILE 'REGISTRY' ENTERED AT 13:03:07 ON 26 JUL 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2001 American Chemical Society (ACS)

=> s plant and vector
L1 26813 PLANT AND VECTOR

=> s l1 and repressor
L2 76 L1 AND REPRESSOR

=> s l2 and operator
L3 20 L2 AND OPERATOR

=> s l3 and recombinase
L4 0 L3 AND RECOMBINASE

=> dup rem l3
DUPLICATE IS NOT AVAILABLE IN 'REGISTRY'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L3
L5 15 DUP REM L3 (5 DUPLICATES REMOVED)

=> d 15 ibib abs 1-
YOU HAVE REQUESTED DATA FROM 15 ANSWERS - CONTINUE? Y/(N):y

L5 ANSWER 1 OF 15 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 2001:277957 BIOSIS
DOCUMENT NUMBER: PREV200100277957
TITLE: Chromatin structure mapping in Saccharomyces cerevisiae in vivo with DNase I.
AUTHOR(S): Wang, Xi; Simpson, Robert T. (1)
CORPORATE SOURCE: (1) Department of Biochemistry and Molecular Biology, Pennsylvania State University, 308 Althouse Laboratory, University Park, PA, 16802: rts4@psu.edu USA
SOURCE: Nucleic Acids Research, (May 1, 2001) Vol. 29, No. 9, pp. 1943-1950. print.
ISSN: 0305-1048.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English
AB Most methods for assessment of chromatin structure involve chemical or nuclease damage to DNA followed by analysis of distribution and susceptibility of cutting sites. The agents used generally do not permeate cells, making nuclear isolation mandatory. In vivo mapping strategies might allow detection of labile constituents and/or structures that are lost when chromatin is swollen in isolated nuclei at low ionic strengths. DNase I has been the most widely used enzyme to detect chromatin sites where DNA is active in transcription, replication or recombination. We have introduced the bovine DNase I gene into yeast under control of a galactose-responsive promoter. Expression of the nuclease leads to DNA degradation and cell death. Shorter exposure to the active enzyme allows

mapping of chromatin structure in whole cells without isolation of nuclei.

The validity and efficacy of the strategy are demonstrated by footprinting a labile **repressor** bound to its **operator**. Investigation of the inter-nucleosome linker regions in several types of repressed domains has revealed different degrees of protection in cells, relative to isolated nuclei.

L5 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2000:881334 CAPLUS
DOCUMENT NUMBER: 134:52955
TITLE: Novel tet **repressor**-based transcriptional regulatory proteins with applications for gene therapy
INVENTOR(S): Hillen, Wolfgang; Bujard, Hermann
PATENT ASSIGNEE(S): Germany
SOURCE: PCT Int. Appl., 167 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000075347	A2	20001214	WO 2000-IB886	20000605

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-137986 P 19990607
AB The present invention provides a panel of transcriptional activator fusion proteins which comprises both tetracycline controlled transactivator proteins and reverse tetracycline transactivator proteins. These modulate the tet **operator** and are expressed from an expression **vector** within the hosts of **plant** cells, insect cells, fungal cells, bacterial cells, mammalian cells or a virus. Antibodies are described which bind these proteins. These transactivators have novel phenotypes such as altered basal transcriptional activity in the absence of doxycycline, altered induced transcriptional activity in the presence of doxycycline, or differential induction by tetracycline and analogs of tetracycline. Mutations were introduced within the tetracycline binding domain of these proteins to mimic allele variants. These would confer altered basal affinity for the Tet **operator** in the absence of doxycycline. These could also confer increased or decreased sensitivity towards doxycycline. Gene therapy approaches involving these constructs were demonstrated.

L5 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2000:441950 CAPLUS
DOCUMENT NUMBER: 133:71519
TITLE: Use of lethal genes induced by fertilization to

prevent outcrossing and undesired gene flow in crop **plants**

INVENTOR(S): Fabijanski, S. F.; Arnison, P. G.
PATENT ASSIGNEE(S): Dow Agrosciences Canada Inc., Can.
SOURCE: PCT Int. Appl., 131 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000037660	A1	20000629	WO 1999-CA1208	19991222

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1998-113545 P 19981222

AB The present invention relates to methods to control the spread of recombinant DNA mols. between sexually compatible **plants** of differing genetic compn. The invention describes the prodn. of transgenic **plants** that comprise recombinant traits of interest or concern linked to repressible lethal genes. The lethal genes are blocked by the action of **repressor** mols. produced by the expression of **repressor** genes located at a different genetic locus. The lethal phenotype is only expressed after the segregation of the repressible lethal gene construct and the **repressor** gene following meiosis. The present invention may be employed for both open-pollinated and hybrid seed prodn. systems and may ber used to maintain genetic purity by blocking unintended introgression of genes from **plants** devoid of the specific **repressor** gene. The invention includes methods that impart traits that are desirable for environmentally responsible heterologous protein prodn., to genetic material used to impart said traits and to new **plants** and products derived by said methods. Use of the Agrobacterium oncogenes 1 and 2 in combination is demonstrated. Oncogene 2 is expressed constitutively and oncogene 1 is under control of a strong seed-specific phaseolin gene promoter that is limited by a tetO **operator**. Oncogene 1 is not expressed in the presence of tetracycline. If the **plant**, or pollen, should be removed from regular treatment with tetracyclines, oncogene 1 is derepressed and the coexpression of the two genes leads to cell death. The effect is shown to be limited only to the seed and does not affect the **plant**. Seed arising from crosses between **plants** contg. one of the pair of expression constructs contg. both constructs germinated normally in the presence of tetracycline.

REFERENCE COUNT: 4
REFERENCE(S):
(1) E I Du Pont de Nemours And Company; WO 9109957 A 1991 CAPLUS
(2) Pioneer Hi-Bred Int; WO 9740179 A 1997 CAPLUS
(3) Sitbon, F; PLANT PHYSIOLOGY 1992, V99, P1062 CAPLUS

(4) Us Government; WO 9604393 A 1996 CAPLUS

L5 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1999:175623 CAPLUS
DOCUMENT NUMBER: 130:219157
TITLE: Glucuronide **repressor** and gusR gene of Escherichia coli and **vectors** containing gusR and gusR fragments
INVENTOR(S): Jefferson, Richard A.; Wilson, Katherine J.; Leader, Michael
PATENT ASSIGNEE(S): Cambia Biosystems LLC, USA
SOURCE: U.S., 54 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5879906	A	19990309	US 1997-882704	19970625

AB The sequences of the Escherichia coli gusR gene and the encoded glucuronide **repressor** are disclosed. **Vectors** contg. a chimeric gene encoding a GusR glucuronide binding domain fused to a DNA binding domain, a heterologous promoter fused to the gusR coding sequence, a heterologous promoter fused to a DNA fragment encoding glucuronidase **operator**-binding domain of GusR, and a heterologous promoter fused to a DNA fragment encoding a glucuronide-binding domain of GusR are also presented. A method for isolating a glucuronide transport protein utilizing a cell, which does not normally transport glucuronides, expressing the glucuronide **repressor** and a reporter gene linked to the glucuronide **operator** is also disclosed. Thus, the promoter/**operator**, lying between gusR and gusA was sequenced and characterized. GusR and GusR fusion proteins were prepd. with recombinant E. coli. The ability of various .beta.-glucuronides to induce .beta.-glucuronidase activity in E. coli was examd.

REFERENCE COUNT: 5
REFERENCE(S):
(1) Blanco; Journal of Bacteriology 1982, V149(2), P587 CAPLUS
(2) Blanco; Mol Gen Genet 1987, V208, P490 CAPLUS
(3) Jefferson; US 5268463 1993 CAPLUS
(4) Ritzenthaler; Mol Gen Genet 1983, V191, P263 CAPLUS
(5) Wilson; EMBL Database Entry Ecuidaa (Version 8) 1995

L5 ANSWER 5 OF 15 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 1999:606763 SCISEARCH
THE GENUINE ARTICLE: 222AN
TITLE: Transcriptional activator TGV mediates dexamethasone-inducible and tetracycline-inactivatable gene expression
AUTHOR: Bohner S; Lenk I; Rieping M; Herold M; Gatz C (Reprint)
CORPORATE SOURCE: UNIV GOTTINGEN, ALBRECHT VON HALLER INST PFLANZENWISSENSCH, UNTERE KARSPULE 2, D-37073 GOTTINGEN, GERMANY (Reprint); UNIV GOTTINGEN, ALBRECHT VON HALLER INST PFLANZENWISSENSCH, D-37073 GOTTINGEN, GERMANY
COUNTRY OF AUTHOR: GERMANY

SOURCE: PLANT JOURNAL, (JUL 1999) Vol. 19, No. 1, pp. 87-95.
Publisher: BLACKWELL SCIENCE LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2 0NE, OXON, ENGLAND.
ISSN: 0960-7412.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE; AGRI
LANGUAGE: English
REFERENCE COUNT: 41

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

AB A chemically regulated gene expression system that can be switched on with dexamethasone and switched off with tetracycline was constructed. It is based on a transcriptional activator (TGV) that consists of the Tn10 encoded Tet **repressor**, the rat glucocorticoid receptor hormone binding domain and the transcriptional activation domain of Herpes simplex virion protein VP16. When stably expressed in transgenic tobacco **plants**, it mediates dexamethasone-inducible transcription from a synthetic promoter (P-Top10) consisting of seven fet **operators** upstream of a TATA-box. Tetracycline interferes with induction by negatively regulating the DNA-binding activity of the TetR moiety of TGV. The boundaries of the expression window of the TGV-driven P-Top10 reach from undetectable levels of the reporter enzyme beta-glucuronidase in the absence of dexamethasone to induced levels reaching 15-20% of the Cauliflower Mosaic Virus 35S promoter (P-CaMV35S). By modifying the sequence of P-Top10, we generated a new target promoter (P-Tax) that is stably expressed over several generations and that can be activated to levels comparable to P-CaMV35S, while yielding only slightly elevated background activities.

L5 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1998:112465 CAPLUS
DOCUMENT NUMBER: 128:189181
TITLE: Efficient regulation and trans-activation of foreign genes in **plants** using lac **repressor** fusion proteins and suppressor tRNAs
INVENTOR(S): Palme, Klaus; Galweiler, Leo; Grosskopf-Kroiler, Deborah; Moore, Ian; Schell, Jozef
PATENT ASSIGNEE(S): Max-Planck-Gesellschaft zur Forderung der Wissenschaften E.V., Germany; Palme, Klaus; Galweiler, Leo; Grosskopf-Kroiler, Deborah; Moore, Ian; Schell, Jozef
SOURCE: PCT Int. Appl., 68 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9805789	A2	19980212	WO 1997-EP4267	19970805
W: AU, CA, JP, US				
EP 823480	A1	19980211	EP 1996-112684	19960806
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI, LT, LV, FI				
AU 9745515	A1	19980225	AU 1997-45515	19970805
AU 734149	B2	20010607		
JP 2000515728	T2	20001128	JP 1998-500958	19970805

PRIORITY APPLN. INFO.: EP 1996-112684 A 19960806

WO 1997-EP4267 W 19970805

AB A method of using fusion proteins of the lac **repressor** with VP16 or GAL4 in combination with suppressible mutants and suppressor tRNAs to obtain tightly regulated and highly inducible expression of foreign genes in **plants** is described. The system is intended for use in the study of gene expression F1 progeny, i.e., one parent carries the gene for the lac **repressor** fusion protein and the gene for a suppressor tRNA; the other carries the gene under control of a lac **operator** and carrying a suppressible termination codon. The F1 progeny of this cross carry the complete expression system and the gene can be expressed. The system is particularly useful for regulation of genes with toxic products.

L5 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1997:568296 CAPLUS
DOCUMENT NUMBER: 127:230348
TITLE: Recombinant expression cassettes for transformation of **plant** or other eukaryotes and regulation of gene expression in eukaryotes
INVENTOR(S): Teasdale, Robert Dixon; Mouradov, Aidyn; Southerton, Simon George; Sawbridge, Timothy Ivor
PATENT ASSIGNEE(S): Forbio Research Pty. Ltd., Australia; Teasdale, Robert Dixon; Mouradov, Aidyn; Southerton, Simon George; Sawbridge, Timothy Ivor
SOURCE: PCT Int. Appl., 87 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9730162	A1	19970821	WO 1997-AU89	19970219
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2259456	AA	19970821	CA 1997-2259456	19970219
AU 9717132	A1	19970902	AU 1997-17132	19970219
EP 882133	A1	19981209	EP 1997-904302	19970219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CN 1216066	A	19990505	CN 1997-193833	19970219
JP 2000504577	T2	20000418	JP 1997-528833	19970219
NO 9803775	A	19981015	NO 1998-3775	19980818
PRIORITY APPLN. INFO.:			AU 1996-8161	19960219
			WO 1997-AU89	19970219

AB There is provided a method of regulating a eukaryotically active gene, comprising transforming a cell with a transformation cassette expressing a modulator gene product regulating the eukaryotically gene or its product and a further gene product regulating said modulator gene or its product,

the promoters of two of said genes, modulator gene and further genes being selected from inducible promoters and developmental promoters for the same or complementary tissues. The lethal gene expressing barnase, a RNase of B. amyloliquefaciens, is placed under the control of a tissue specific promoter, such as those derived from PrMADS1, 2 or 3 of Pinus radiata or EGM1, 2 or 3 of Eucalyptus grandis. The same tissue specific promoter is used to express LacIq gene, a **repressor** for barnase (barstar) being promoted by a modified 35S RNA CaMV promoter including the lac operon. The cassette is used to transform **plant** cells for regeneration into **plants** expressing the barnase in the target tissues with improved specificity and reduced promoter leakage.

L5 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1997:262355 CAPLUS
DOCUMENT NUMBER: 126:234447
TITLE: Plasmid constructed for stabilization by **repressor** titration
INVENTOR(S): Sherratt, David John; Williams, Steven Geraint; Hanak, Julian Alexis John
PATENT ASSIGNEE(S): Therexsys Limited, UK
SOURCE: PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9709435	A1	19970313	WO 1996-GB2208	19960906
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM				
CA 2231784	AA	19970313	CA 1996-2231784	19960906
AU 9668855	A1	19970327	AU 1996-68855	19960906
AU 710494	B2	19990923		
EP 851932	A1	19980708	EP 1996-929443	19960906
EP 851932	B1	20010214		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
JP 11511985	T2	19991019	JP 1996-510994	19960906
AT 199168	E	20010215	AT 1996-929443	19960906
US 5972708	A	19991026	US 1998-176607	19981021

PRIORITY APPLN. INFO.:
GB 1995-18395 A 19950908
US 1996-708921 B1 19960906
WO 1996-GB2208 W 19960906

AB A system is described which utilizes a novel system of **repressor** titrn. for maintenance of a plasmid useful in gene therapy and prodn. of a recombinant protein. The system utilizes a transformed host cell contg. a plasmid including an **operator** susceptible to binding by a **repressor**, expressed in trans, a first chromosomal gene encoding

the **repressor**, and a second chromosomal gene that is functionally assocd. with an **operator** and essential for cell growth, wherein the plasmid is present in the cell in sufficient nos. to titrate the **repressor** such that the essential gene is expressed, thereby permitting cell growth. The plasmid consists essentially of an **operator** susceptible to binding by a **repressor** expressed in trans, an origin of replication, and a cloning site for insertion of a gene of interest. Prodn. of a recombinant protein using the **repressor** titrn. system confers a reduced metabolic burden on the host cell in that the only coding region on the plasmid is the gene encoding the recombinant protein. The **repressor** titrn. system enables the stable maintenance of plasmids in moderate or high copy no. without the use of plasmid-encoded dominant selectable markers, such as for antibiotic resistance, and can be used with any host that can support a trans-acting **repressor/operator** system. The invention is applied using the Escherichia coli lac **repressor/operator** system in expts. which demonstrate the ability of a plasmid-borne sequence to titrate **repressor** away from the chromosomal gene. Alternative **repressor** systems may be used (e.g., the ArgRNV **repressor**) and the inserted gene may comprise a therapeutic gene (e.g., for Bruton's tyrosine kinase, for .beta.-glucocerebrosidase for treatment of Gauchers disease, or the .beta.-globin splice site for treatment of .beta.-globulinemia).

L5 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1997:140259 CAPLUS
DOCUMENT NUMBER: 126:140563
TITLE: Induction of male sterility in **plants** by expression of high levels of avidin
INVENTOR(S): Howard, John A.; Albertson, Marc C.
PATENT ASSIGNEE(S): Pioneer Hi-Bred International, Inc., USA
SOURCE: PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9640949	A1	19961219	WO 1996-US8583	19960606
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
CA 2223460	AA	19961219	CA 1996-2223460	19960606
AU 9661493	A1	19961230	AU 1996-61493	19960606
AU 708618	B2	19990805		
EP 832261	A2	19980401	EP 1996-919051	19960606
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
CN 1192784	A	19980909	CN 1996-196046	19960606
BR 9609069	A	19990406	BR 1996-9069	19960606
JP 11512922	T2	19991109	JP 1996-501127	19960606

PRIORITY APPLN. INFO.: US 1995-475582 19950607
WO 1996-US8583 19960606

AB Male-sterile **plants** such as corn, soybean, and sunflower can be produced by increasing the endogenous concn. of avidin in the

plant tissues. This effect can be achieved by producing transgenic **plants** contg. an expression **vector** in which a promoter is operably linked to a DNA sequence encoding avidin. Male fertility may be restored by crossing the male-sterile **plant** with a second transgenic **plant** expressing a foreign gene which reduces the expression of the chimeric avidin gene. Suitable genes for this purpose comprise genes for antisense avidin mRNA, for avidin mRNA-directed ribozymes, and for an external guide sequence. Alternatively, the avidin gene promoter may contain a LexA **operator** and the second gene may be a LexA **repressor** gene, or the male-sterile **plant** may be sprayed with a biotin soln.

L5 ANSWER 10 OF 15 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 95:786255 SCISEARCH
THE GENUINE ARTICLE: TE148
TITLE: THE 60 NUCLEOTIDE OCCR **OPERATOR** CONTAINS A SUBSITE ESSENTIAL AND SUFFICIENT FOR OCCR BINDING AND A 2ND SUBSITE REQUIRED FOR LIGAND-RESPONSIVE DNA BENDING
AUTHOR: WANG L; WINANS S C (Reprint)
CORPORATE SOURCE: CORNELL UNIV, MICROBIOL SECT, ITHACA, NY, 14853 (Reprint);
CORNELL UNIV, MICROBIOL SECT, ITHACA, NY, 14853
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF MOLECULAR BIOLOGY, (10 NOV 1995) Vol. 253, No. 5, pp. 691-702.
ISSN: 0022-2836.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 45

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

AB OccR is a transcriptional regulatory protein of Agrobacterium tumefaciens that activates the occQ operon in response to octopine, an arginine derivative released from **plant** tumors. OccR binds to its **operator** with similar affinity and the same stoichiometry in the presence or absence of octopine, but octopine shortens the protein's DNase I footprint and partially relaxes an OccR-incited DNA bend. In this study resections and other alterations of the **operator** were used to demonstrate that 19 nucleotides near the end of the **operator** furthest from the occa promoter were essential for high affinity OccR binding. This sequence, denoted the high affinity subsite, was sufficient for binding, provided that the deleted **operator** sequences were replaced with **vector**-derived DNA. The same number of OccR monomers bound to resected **operators** as to the wild-type **operator**, and OccR Mras able to protect **vector**-derived sequences adjacent to the high affinity subsite. Sequences at the promoter proximal end of the **operator** were required for wild-type patterns of ligand-responsive DNA bending. A sequence alteration at the end furthest from the high affinity subsite caused a partially locked low angle DNA bend, while two more centrally localized mutations caused fully or partially locked high angle bends. This suggests that the promoter proximal half of the **operator** may contain at least two sites required for wild-type ligand-responsive DNA bending. These mutations also provided evidence that the partial relaxation of this bend by octopine may be essential for occQ activation. (C) 1995 Academic Press Limited

L5 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1994:530242 CAPLUS
DOCUMENT NUMBER: 121:130242
TITLE: Modulating the quantity and quality of starch synthesis in **plants** by placing the gene for a starch-metabolizing enzyme under control of a regulated promoter
INVENTOR(S): Keeling, Peter Lewis
PATENT ASSIGNEE(S): Zeneca Ltd., UK
SOURCE: PCT Int. Appl., 52 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9411520	A2	19940526	WO 1993-GB2305	19931109
WO 9411520	A3	19940804		
W: AU, BB, BG, BR, BY, CA, CZ, FI, HU, JP, KP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9454285	A1	19940608	AU 1994-54285	19931109
PRIORITY APPLN. INFO.:			GB 1992-23454	19921109
			WO 1993-GB2305	19931109

AB A method of producing a **plant** with switchable starch-synthesizing ability by stably incorporating a target gene for an enzyme involved in a starch or glycogen biosynthetic pathway and under the control of a regulated promoter into the genome of a recipient **plant**. A **plant** with controllable starch-synthesizing ability may have switchable starch yield, and/or switchable starch quality. Starch or glycogen biosynthetic enzymes include sol. starch synthase, branching enzyme, glycogen synthase, ADP-glucose pyrophosphorylase, self-glucosylating protein, glycogenin and amylogenin. DNA constructs for use in this method are described, as well as **plants** transformed with said DNA constructs, the seeds and progeny of such **plants**, and hybrids whose pedigree includes such **plants**. The examples demonstrate the functioning of the chem.-inducible promoter of the gene for the 27 kd subunit of glutathione-S-transferase II in maize endosperm and discuss the construction of appropriate expression **vectors**.

L5 ANSWER 12 OF 15 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 92:235419 SCISEARCH
THE GENUINE ARTICLE: HM836
TITLE: CONTROL OF GENE-EXPRESSION IN TOBACCO CELLS USING A BACTERIAL **OPERATOR REPRESSOR** SYSTEM
AUTHOR: WILDE R J (Reprint); SHUFFLEBOTTOM D; COOKE S; JASINSKA I;
MERRYWEATHER A; BERI R; BRAMMAR W J; BEVAN M; SCHUCH W
CORPORATE SOURCE: UNIV LEICESTER, ICI JOINT LAB, UNIV RD, LEICESTER LE1 7RH,
ENGLAND (Reprint); CAMBRIDGE LAB, NORWICH NR4 7UH, ENGLAND; ICI PHARMACEUT PLC, BIOTECHNOL 1, MACCLESFIELD, CHESHIRE, ENGLAND; ICI SEEDS, PLANT BIOTECHNOL SECT, BRACKNELL, ENGLAND
COUNTRY OF AUTHOR: ENGLAND

SOURCE: EMBO JOURNAL, (APR 1992) Vol. 11, No. 4, pp. 1251-1259.
ISSN: 0261-4189.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 41

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

AB We have investigated the efficacy of using the Escherichia coli lac **operator-repressor** system to control **plant** gene expression. The lacI gene was modified to allow optimal expression in **plant** cells and then placed downstream of the cauliflower mosaic virus (CaMV) 35S RNA promoter. This construct was introduced into tobacco **plants** by leaf disc transformation. Transgenic tobacco **plants** synthesized significant quantities of LacI protein (up to 0.06% of total soluble protein). We have used the E. coli beta-glucuronidase gene (gus) as the reporter gene by placing it downstream of the maize chlorophyll a/b binding protein (CAB) gene promoter. Lac **operators** were introduced into several positions within the CAB promoter and **operator**-free plasmid was used as control. Repression was assessed by comparing the transient expression from CAB-**operator**-gus reporter constructs in protoplasts expressing lac protein, with that in control cells not expressing the **repressor**. Repression varied between 10 and 90% with different **operator** positions. Transient assays were also performed in the presence of the inducer, isopropyl-beta-D-thiogalactoside (IPTG). In lacI protoplasts the presence of IPTG manifested itself in a 4.2-fold relief of repression. The study was extended to show regulation of expression in stable transformants. Tobacco transformants harbouring a CAB-**operator**-gus reporter construct and the lacI gene were shown to have repressed GUS levels, but in the presence of IPTG, repression was relieved 15-fold. We conclude that the lac **repressor** can enter the **plant** cell nucleus, find its cognate **operator** sequence in the chromatin to form a **repressor-operator** complex and effectively block transcription of a downstream gene.

L5 ANSWER 13 OF 15 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 92:254893 SCISEARCH
THE GENUINE ARTICLE: HN934
TITLE: CONSTRUCTION OF A TETRACYCLINE-INDUCIBLE PROMOTER IN SCHIZOSACCHAROMYCES-POMBE
AUTHOR: FARYAR K; GATZ C (Reprint)
CORPORATE SOURCE: INST GENBIOL FORSCH BERLIN GMBH, IHNESTR 63, W-1000 BERLIN 33, GERMANY
COUNTRY OF AUTHOR: GERMANY
SOURCE: CURRENT GENETICS, (APR 1992) Vol. 21, No. 4-5, pp. 345-349
ISSN: 0172-8083.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 24

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

AB We have developed a tightly repressed Schizosaccharomyces pombe promoter which can be efficiently induced by Tetracycline. This promoter is a derivative of the **plant** viral cauliflower mosaic virus 35S promoter which normally functions as a strong constitutive promoter in S.

pombe. Location of three binding sites for the Tn10-encoded Tet **repressor** in the vicinity of the TATA-box of the CaMV 35S promoter led to a tight repression of promoter activity in the presence of the Tet **repressor** protein. Up to a 400-fold induction was observed after addition of the inducer Tetracycline, which inactivates the **operator**-binding capacity of the **repressor**.

L5 ANSWER 14 OF 15 MEDLINE DUPLICATE 1
ACCESSION NUMBER: 92186716 MEDLINE
DOCUMENT NUMBER: 92186716 PubMed ID: 1545709
TITLE: Purification and functional characterization of the KdgR protein, a major **repressor** of pectinolysis genes of Erwinia chrysanthemi.
AUTHOR: Nasser W; Reverchon S; Robert-Baudouy J
CORPORATE SOURCE: Laboratoire de Genetique Moleculaire des Microorganismes, Institut National des Sciences Apliquees, Villeurbanne, France.
SOURCE: MOLECULAR MICROBIOLOGY, (1992 Jan) 6 (2) 257-65. Journal code: MOM; 8712028. ISSN: 0950-382X.
PUB. COUNTRY: ENGLAND: United Kingdom
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199204
ENTRY DATE: Entered STN: 19920424
Last Updated on STN: 19920424
Entered Medline: 19920415

AB The phytopathogenicity of the enterobacterium Erwinia chrysanthemi chiefly results from its capacity to degrade pectin, which is the major component of **plant** cell walls. This degradation requires the product of 12 genes which constitute independent transcriptional units. All these genes, including kdgT which encodes the 2-keto-3-deoxygluconate (KDG) transport system, are negatively regulated by the KdgR protein. The E. chrysanthemi kdgR gene was cloned into an expression **vector** and overexpressed in Escherichia coli. KdgR was then purified to homogeneity by two chromatographic steps as a dimer of approximately 62 kDa. Using gel retardation assays, we demonstrated that this purified **repressor** binds to the 25bp oligonucleotide (AAAAAAGAAACATTGTTTCATTTGT) present in the kdgT regulatory region. Dimethyl sulphate interference experiments revealed that the **repressor** interacts with four guanine bases and 10 adenine bases in the two strands of this KdgR box. KDG, an actual inducer of pectinolysis, releases the **repressor** from the **operator** complexes, whereas galacturonate, which is the precursor of the actual inducer, does not. These results suggest the existence of a specific interaction between KDG and KdgR protein. This study opens discussion on the relative affinity of the KdgR protein for the different **operators** of pectinolysis genes which are interpreted in terms of differential regulation.

L5 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 2
ACCESSION NUMBER: 1986:455367 CAPLUS
DOCUMENT NUMBER: 105:55367
TITLE: A 3.6-kbp segment from the vir region of Ti plasmids contains genes responsible for border sequence-directed production of T region circles in E. coli
AUTHOR(S): Alt-Moerbe, Juliane; Rak, Bodo; Schroeder, Joachim

CORPORATE SOURCE: Inst. Biol. II, Univ. Freiburg, Freiburg, D-7800, Fed.
Rep. Ger.
SOURCE: EMBO J. (1986), 5(6), 1129-35
CODEN: EMJODG; ISSN: 0261-4189
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The vir region of Ti plasmids is responsible for the transfer of the T-DNA
region from Agrobacterium to **plant** cells; previous expts. suggested that formation of independent T region DNA circles is 1 step in this process. To study this step in Escherichia coli, a binary **vector** system was developed. One plasmid (=substrate) contains correctly oriented right and left borders from octopine plasmid pTiAch5. A gene with a counterselectable function (galK) was cloned between these borders. The galK gene is under the control of the tac promoter-**operator** and the lac **repressor** with the laci gene also in the selection cassette. This construction allows detn. of substrate plasmid mutants which have lost the selectable galK function. The 2nd component of the system is 1 of a set of compatible plasmids harboring various cloned parts from the vir region of nopaline plasmid pTiC58. A 3.6-kilobase pair segment of the vir region turned out to be necessary and
sufficient for prodn. of substrate plasmid mutants which represented the equiv. of the T region contg. a complete left border. From the vir region
fragment 4 discrete proteins were expressed in minicells. The coding regions were mapped to a part conserved in nopaline and octopine plasmids;
in the latter it appears to correspond to vir C/D.

=> d history

(FILE 'HOME' ENTERED AT 13:02:39 ON 26 JUL 2001)

FILE 'MEDLINE, EMBASE, CAPLUS, SCISEARCH, BIOSIS, REGISTRY' ENTERED AT 13:03:07 ON 26 JUL 2001
L1 26813 S PLANT AND VECTOR
L2 76 S L1 AND REPRESSOR
L3 20 S L2 AND OPERATOR
L4 0 S L3 AND RECOMBINASE
L5 15 DUP REM L3 (5 DUPLICATES REMOVED)

=> s l3 and promoter
L6 12 L3 AND PROMOTER

=> dup rem l6
DUPLICATE IS NOT AVAILABLE IN 'REGISTRY'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L6
L7 12 DUP REM L6 (0 DUPLICATES REMOVED)

=> d l7 ti 1-
YOU HAVE REQUESTED DATA FROM 12 ANSWERS - CONTINUE? Y/(N):y

L7 ANSWER 1 OF 12 BIOSIS COPYRIGHT 2001 BIOSIS
TI Chromatin structure mapping in Saccharomyces cerevisiae in vivo with DNase
I.

L7 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2001 ACS
TI Use of lethal genes induced by fertilization to prevent outcrossing and undesired gene flow in crop **plants**

L7 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2001 ACS
TI Glucuronide **repressor** and gusR gene of Escherichia coli and **vectors** containing gusR and gusR fragments

L7 ANSWER 4 OF 12 SCISEARCH COPYRIGHT 2001 ISI (R)
TI Transcriptional activator TGV mediates dexamethasone-inducible and tetracycline-inactivatable gene expression

L7 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2001 ACS
TI Efficient regulation and trans-activation of foreign genes in **plants** using lac **repressor** fusion proteins and suppressor tRNAs

L7 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2001 ACS
TI Recombinant expression cassettes for transformation of **plant** or other eukaryotes and regulation of gene expression in eukaryotes

L7 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2001 ACS
TI Induction of male sterility in **plants** by expression of high levels of avidin

L7 ANSWER 8 OF 12 SCISEARCH COPYRIGHT 2001 ISI (R)
TI THE 60 NUCLEOTIDE OCCR **OPERATOR** CONTAINS A SUBSITE ESSENTIAL AND SUFFICIENT FOR OCCR BINDING AND A 2ND SUBSITE REQUIRED FOR LIGAND-RESPONSIVE DNA BENDING

L7 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2001 ACS
TI Modulating the quantity and quality of starch synthesis in **plants** by placing the gene for a starch-metabolizing enzyme under control of a regulated **promoter**

L7 ANSWER 10 OF 12 SCISEARCH COPYRIGHT 2001 ISI (R)
TI CONTROL OF GENE-EXPRESSION IN TOBACCO CELLS USING A BACTERIAL **OPERATOR REPRESSOR** SYSTEM

L7 ANSWER 11 OF 12 SCISEARCH COPYRIGHT 2001 ISI (R)
TI CONSTRUCTION OF A TETRACYCLINE-INDUCIBLE **PROMOTER** IN SCHIZOSACCHAROMYCES-POMBE

L7 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2001 ACS
TI A 3.6-kbp segment from the vir region of Ti plasmids contains genes responsible for border sequence-directed production of T region circles in E. coli

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	74.25	74.40

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-5.29	-5.29

STN INTERNATIONAL LOGOFF AT 13:06:19 ON 26 JUL 2001

WEST

Help | Logout | Interrupt

Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences

Search Results -

Terms	Documents
L5 and Saccharomyces	15

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Refine Search: L5 and Saccharomyces Clear

Search History

Today's Date: 7/26/2001

DB Name	Query	Hit Count	Set Name
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L5 and Saccharomyces	15	L6
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L4 and FLP	37	L5
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L2 and recombinase	61	L4
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L1 and recombinase	61	L3
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L1 and promoter	813	L2
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	plant and vector and repressor and operator	823	L1

WEST

Help | Logout | Interrupt

Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences

Search Results -

Terms	Documents
L5 and inducer	29

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Refine Search: L5 and inducer Clear

Search History

Today's Date: 7/26/2001

DB Name	Query	Hit Count	Set Name
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L5 and inducer	29	L6
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L4 and FLP	37	L5
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L3 and recombinase	61	L4
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L2 and promoter	813	L3
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L1 and repressor and operator	823	L2
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	plant and vector	16555	L1

WEST

Generate Collection

Search Results - Record(s) 1 through 10 of 29 returned.

☐ 1. Document ID: US 6255071 B1

L6: Entry 1 of 29 File: USPT Jul 3, 2001

US-PAT-NO: 6255071
DOCUMENT-IDENTIFIER: US 6255071 B1
TITLE: Mammalian viral vectors and their uses

Full | Title | 1.1 | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw Desc

☐ 2. Document ID: US 6252136 B1

L6: Entry 2 of 29 File: USPT Jun 26, 2001

US-PAT-NO: 6252136
DOCUMENT-IDENTIFIER: US 6252136 B1
TITLE: Transgenic organisms having tetracycline-regulated transcriptional regulatory systems

Full | Title | 1.2 | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw Desc

☐ 3. Document ID: US 6242667 B1

L6: Entry 3 of 29 File: USPT Jun 5, 2001

US-PAT-NO: 6242667
DOCUMENT-IDENTIFIER: US 6242667 B1
TITLE: Transgenic organisms having tetracycline-regulated transcriptional regulatory systems

Full | Title | 1.3 | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw Desc

☐ 4. Document ID: US 6228643 B1

L6: Entry 4 of 29 File: USPT May 8, 2001

US-PAT-NO: 6228643
DOCUMENT-IDENTIFIER: US 6228643 B1
TITLE: Promoter

Full | Title | 1.4 | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc

☐ 5. Document ID: US 6228639 B1

L6: Entry 5 of 29 File: USPT May 8, 2001

US-PAT-NO: 6228639
DOCUMENT-IDENTIFIER: US 6228639 B1
TITLE: Vectors and methods for the mutagenesis of mammalian genes

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

☐ 6. Document ID: US 6171861 B1

L6: Entry 6 of 29 File: USPT Jan 9, 2001

US-PAT-NO: 6171861
DOCUMENT-IDENTIFIER: US 6171861 B1
TITLE: Recombinational cloning using engineered recombination sites

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

☐ 7. Document ID: US 6143557 A

L6: Entry 7 of 29 File: USPT Nov 7, 2000

US-PAT-NO: 6143557
DOCUMENT-IDENTIFIER: US 6143557 A
TITLE: Recombination cloning using engineered recombination sites

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

☐ 8. Document ID: US 6136954 A

L6: Entry 8 of 29 File: USPT Oct 24, 2000

US-PAT-NO: 6136954
DOCUMENT-IDENTIFIER: US 6136954 A
TITLE: Tetracycline-inducible transcriptional activator fusion proteins

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

☐ 9. Document ID: US 6068982 A

L6: Entry 9 of 29 File: USPT May 30, 2000

US-PAT-NO: 6068982
DOCUMENT-IDENTIFIER: US 6068982 A
TITLE: Ubiquitin conjugating enzymes

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

☐ 10. Document ID: US 6046165 A

L6: Entry 10 of 29 File: USPT Apr 4, 2000

US-PAT-NO: 6046165
DOCUMENT-IDENTIFIER: US 6046165 A
TITLE: Compositions and methods for identifying and testing TGF-.beta. pathway agonists and antagonists

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

Generate Collection

Terms	Documents
L5 and inducer	29

Display 10 Documents, starting with Document: 11

Display Format: TI Change Format

WEST

Generate Collection

Search Results - Record(s) 11 through 20 of 29 returned.

☐ 11. Document ID: US 6025192 A

L6: Entry 11 of 29 File: USPT Feb 15, 2000

US-PAT-NO: 6025192
DOCUMENT-IDENTIFIER: US 6025192 A
TITLE: Modified retroviral vectors

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 12. Document ID: US 6004941 A

L6: Entry 12 of 29 File: USPT Dec 21, 1999

US-PAT-NO: 6004941
DOCUMENT-IDENTIFIER: US 6004941 A
TITLE: Methods for regulating gene expression

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 13. Document ID: US 5977441 A

L6: Entry 13 of 29 File: USPT Nov 2, 1999

US-PAT-NO: 5977441
DOCUMENT-IDENTIFIER: US 5977441 A
TITLE: Control of plant gene expression

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 14. Document ID: US 5968761 A

L6: Entry 14 of 29 File: USPT Oct 19, 1999

US-PAT-NO: 5968761
DOCUMENT-IDENTIFIER: US 5968761 A
TITLE: Ubiquitin conjugating enzymes

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 15. Document ID: US 5955056 A

L6: Entry 15 of 29 File: USPT Sep 21, 1999

US-PAT-NO: 5955056
DOCUMENT-IDENTIFIER: US 5955056 A
TITLE: Mutagenesis testing using transgenic non-human animals carrying test DNA sequences

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 16. Document ID: US 5925808 A

L6: Entry 16 of 29 File: USPT Jul 20, 1999

US-PAT-NO: 5925808
DOCUMENT-IDENTIFIER: US 5925808 A
TITLE: Control of plant gene expression

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 17. Document ID: US 5922927 A

L6: Entry 17 of 29 File: USPT Jul 13, 1999

US-PAT-NO: 5922927
DOCUMENT-IDENTIFIER: US 5922927 A
TITLE: Methods for producing tetracycline-regulated transgenic mice

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 18. Document ID: US 5912411 A

L6: Entry 18 of 29 File: USPT Jun 15, 1999

US-PAT-NO: 5912411
DOCUMENT-IDENTIFIER: US 5912411 A
TITLE: Mice transgenic for a tetracycline-inducible transcriptional activator

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 19. Document ID: US 5888981 A

L6: Entry 19 of 29 File: USPT Mar 30, 1999

US-PAT-NO: 5888981
DOCUMENT-IDENTIFIER: US 5888981 A
TITLE: Methods for regulating gene expression

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

☐ 20. Document ID: US 5888732 A

L6: Entry 20 of 29 File: USPT Mar 30, 1999

US-PAT-NO: 5888732
DOCUMENT-IDENTIFIER: US 5888732 A
TITLE: Recombinational cloning using engineered recombination sites

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

Generate Collection

Terms	Documents
L5 and inducer	29

Display 10 Documents, starting with Document: 21

Display Format: TI Change Format

WEST

Generate Collection

Search Results - Record(s) 21 through 29 of 29 returned.

☐ 21. Document ID: US 5866755 A

L6: Entry 21 of 29 File: USPT Feb 2, 1999

US-PAT-NO: 5866755
DOCUMENT-IDENTIFIER: US 5866755 A
TITLE: Animals transgenic for a tetracycline-regulated transcriptional inhibitor

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 22. Document ID: US 5859310 A

L6: Entry 22 of 29 File: USPT Jan 12, 1999

US-PAT-NO: 5859310
DOCUMENT-IDENTIFIER: US 5859310 A
TITLE: Mice transgenic for a tetracycline-controlled transcriptional activator

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 23. Document ID: US 5814618 A

L6: Entry 23 of 29 File: USPT Sep 29, 1998

US-PAT-NO: 5814618
DOCUMENT-IDENTIFIER: US 5814618 A
TITLE: Methods for regulating gene expression

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 24. Document ID: US 5789156 A

L6: Entry 24 of 29 File: USPT Aug 4, 1998

US-PAT-NO: 5789156
DOCUMENT-IDENTIFIER: US 5789156 A
TITLE: Tetracycline-regulated transcriptional inhibitors

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 25. Document ID: US 5723765 A

L6: Entry 25 of 29 File: USPT Mar 3, 1998

US-PAT-NO: 5723765
DOCUMENT-IDENTIFIER: US 5723765 A
TITLE: Control of plant gene expression

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 26. Document ID: US 5654168 A

L6: Entry 26 of 29 File: USPT Aug 5, 1997

US-PAT-NO: 5654168
DOCUMENT-IDENTIFIER: US 5654168 A
TITLE: Tetracycline-inducible transcriptional activator and tetracycline-regulated transcription units

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 27. Document ID: US 5650298 A

L6: Entry 27 of 29 File: USPT Jul 22, 1997

US-PAT-NO: 5650298
DOCUMENT-IDENTIFIER: US 5650298 A
TITLE: Tight control of gene expression in eucaryotic cells by tetracycline-responsive promoters

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 28. Document ID: US 5589362 A

L6: Entry 28 of 29 File: USPT Dec 31, 1996

US-PAT-NO: 5589362
DOCUMENT-IDENTIFIER: US 5589362 A
TITLE: Tetracycline regulated transcriptional modulators with altered DNA binding specificities

Full | Title | Citation | Front | Review | Classification | Date | Reference KWIC | Draw Desc | Image

☐ 29. Document ID: US 5510099 A

L6: Entry 29 of 29 File: USPT Apr 23, 1996

US-PAT-NO: 5510099
DOCUMENT-IDENTIFIER: US 5510099 A
TITLE: Mutagenesis testing using transgenic non-human animals carrying test DNA sequences

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

Generate Collection

Terms	Documents
L5 and inducer	29

Display 10 Documents, starting with Document: 29

Display Format: TI Change Format